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Sequence Listing was accepted with existing errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Wed Jun 06 12:05:40 EDT 2007

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Application No: 10595562

Version No: 1.0

Input Set:

Output Set:

Started: 2007-06-06 10:40:39.917

Finished: 2007-06-06 10:40:43.085

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 168 ms

Total Warnings: 9

Total Errors: 37

No. of SeqIDs Defined: 75

Actual SeqID Count: 75

Error code	Error Description
E 257	Invalid sequence data feature in <221> in SEQ ID (36)
W 213	Artificial or Unknown found in <213> in SEQ ID (67)
W 213	Artificial or Unknown found in <213> in SEQ ID (68)
E 257	Invalid sequence data feature in <221> in SEQ ID (68)
W 213	Artificial or Unknown found in <213> in SEQ ID (69)
E 257	Invalid sequence data feature in <221> in SEQ ID (69)
W 213	Artificial or Unknown found in <213> in SEQ ID (70)
E 257	Invalid sequence data feature in <221> in SEQ ID (70)
E 257	Invalid sequence data feature in <221> in SEQ ID (70)
W 213	Artificial or Unknown found in <213> in SEQ ID (71)
E 257	Invalid sequence data feature in <221> in SEQ ID (71)
E 257	Invalid sequence data feature in <221> in SEQ ID (71)
E 257	Invalid sequence data feature in <221> in SEQ ID (71)
E 257	Invalid sequence data feature in <221> in SEQ ID (71)
E 257	Invalid sequence data feature in <221> in SEQ ID (71)
E 257	Invalid sequence data feature in <221> in SEQ ID (71)
W 213	Artificial or Unknown found in <213> in SEQ ID (72)
E 257	Invalid sequence data feature in <221> in SEQ ID (72)
E 257	Invalid sequence data feature in <221> in SEQ ID (72)
E 257	Invalid sequence data feature in <221> in SEQ ID (72)

Input Set:

Output Set:

Started: 2007-06-06 10:40:39.917
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Total Warnings: 9
Total Errors: 37
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Error code	Error Description
E 257	Invalid sequence data feature in <221> in SEQ ID (72)
E 257	Invalid sequence data feature in <221> in SEQ ID (72)
W 213	Artificial or Unknown found in <213> in SEQ ID (73)
E 257	Invalid sequence data feature in <221> in SEQ ID (73)
E 257	Invalid sequence data feature in <221> in SEQ ID (73)
E 257	Invalid sequence data feature in <221> in SEQ ID (73)
E 257	Invalid sequence data feature in <221> in SEQ ID (73) This error has occurred more than 20 times, will not be displayed
W 213	Artificial or Unknown found in <213> in SEQ ID (74)
W 213	Artificial or Unknown found in <213> in SEQ ID (75)

SEQUENCE LISTING

<110> GUTHRIDGE, MARK
 RAMSHAW, HAYLEY
 STOMSKI, FRANK
 FELQUER, FERNANDO
 LOPEZ, ANGEL

<120> A BIDENTATE MOTIF AND METHODS OF USE

<130> 03391/0204242-US0

<140> 10595562

<141> 2007-06-06

<150> 10/595,562

<151> 2006-04-27

<150> PCT/AU04/01482

<151> 2004-10-27

<150> AU 2003-905931

<151> 2003-10-27

<160> 75

<170> PatentIn Ver. 3.3

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<211> 897

<212> PRT

<213> Homo sapiens

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 1 5 10 15

Trp Glu Arg Ser Leu Ala Gly Ala Glu Glu Thr Ile Pro Leu Gln Thr
 20 25 30

Leu Arg Cys Tyr Asn Asp Tyr Thr Ser His Ile Thr Cys Arg Trp Ala
 35 40 45

Asp Thr Gln Asp Ala Gln Arg Leu Val Asn Val Thr Leu Ile Arg Arg
 50 55 60

Val Asn Glu Asp Leu Leu Glu Pro Val Ser Cys Asp Leu Ser Asp Asp
 65 70 75 80

Met Pro Trp Ser Ala Cys Pro His Pro Arg Cys Val Pro Arg Arg Cys
 85 90 95

Val Ile Pro Cys Gln Ser Phe Val Val Thr Asp Val Asp Tyr Phe Ser
 100 105 110

Phe Gln Pro Asp Arg Pro Leu Gly Thr Arg Leu Thr Val Thr Leu Thr
 115 120 125

Gln	His	Val	Gln	Pro	Pro	Glu	Pro	Arg	Asp	Leu	Gln	Ile	Ser	Thr	Asp	
130						135					140					
Gln	Asp	His	Phe	Leu	Leu	Thr	Trp	Ser	Val	Ala	Leu	Gly	Ser	Pro	Gln	
145					150					155					160	
Ser	His	Trp	Leu	Ser	Pro	Gly	Asp	Leu	Glu	Phe	Glu	Val	Val	Tyr	Lys	
				165					170					175		
Arg	Leu	Gln	Asp	Ser	Trp	Glu	Asp	Ala	Ala	Ile	Leu	Leu	Ser	Asn	Thr	
				180					185					190		
Ser	Gln	Ala	Thr	Leu	Gly	Pro	Glu	His	Leu	Met	Pro	Ser	Ser	Thr	Tyr	
				195					200					205		
Val	Ala	Arg	Val	Arg	Thr	Arg	Leu	Ala	Pro	Gly	Ser	Arg	Leu	Ser	Gly	
						215					220					
Arg	Pro	Ser	Lys	Trp	Ser	Pro	Glu	Val	Cys	Trp	Asp	Ser	Gln	Pro	Gly	
225					230					235					240	
Asp	Glu	Ala	Gln	Pro	Gln	Asn	Leu	Glu	Cys	Phe	Phe	Asp	Gly	Ala	Ala	
				245					250					255		
Val	Leu	Ser	Cys	Ser	Trp	Glu	Val	Arg	Lys	Glu	Val	Ala	Ser	Ser	Val	
				260					265					270		
Ser	Phe	Gly	Leu	Phe	Tyr	Lys	Pro	Ser	Pro	Asp	Ala	Gly	Glu	Glu	Glu	
				275					280					285		
Cys	Ser	Pro	Val	Leu	Arg	Glu	Gly	Leu	Gly	Ser	Leu	His	Thr	Arg	His	
290					295					300						
His	Cys	Gln	Ile	Pro	Val	Pro	Asp	Pro	Ala	Thr	His	Gly	Gln	Tyr	Ile	
305					310					315					320	
Val	Ser	Val	Gln	Pro	Arg	Arg	Ala	Glu	Lys	His	Ile	Lys	Ser	Ser	Val	
				325					330					335		
Asn	Ile	Gln	Met	Ala	Pro	Pro	Ser	Leu	Asn	Val	Thr	Lys	Asp	Gly	Asp	
				340					345					350		
Ser	Tyr	Ser	Leu	Arg	Trp	Glu	Thr	Met	Lys	Met	Arg	Tyr	Glu	His	Ile	
				355					360					365		
Asp	His	Thr	Phe	Glu	Ile	Gln	Tyr	Arg	Lys	Asp	Thr	Ala	Thr	Trp	Lys	
370					375					380						
Asp	Ser	Lys	Thr	Glu	Thr	Leu	Gln	Asn	Ala	His	Ser	Met	Ala	Leu	Pro	
385					390					395					400	
Ala	Leu	Glu	Pro	Ser	Thr	Arg	Tyr	Trp	Ala	Arg	Val	Arg	Val	Arg	Thr	
				405					410					415		
Ser	Arg	Thr	Gly	Tyr	Asn	Gly	Ile	Trp	Ser	Glu	Trp	Ser	Glu	Ala	Arg	
				420					425					430		

Ser Trp Asp Thr Glu Ser Val Leu Pro Met Trp Val Leu Ala Leu Ile
 435 440 445

Val Ile Phe Leu Thr Ile Ala Val Leu Leu Ala Leu Arg Phe Cys Gly
 450 455 460

Ile Tyr Gly Tyr Arg Leu Arg Arg Lys Trp Glu Glu Lys Ile Pro Asn
 465 470 475 480

Pro Ser Lys Ser His Leu Phe Gln Asn Gly Ser Ala Glu Leu Trp Pro
 485 490 495

Pro Gly Ser Met Ser Ala Phe Thr Ser Gly Ser Pro Pro His Gln Gly
 500 505 510

Pro Trp Gly Ser Arg Phe Pro Glu Leu Glu Gly Val Phe Pro Val Gly
 515 520 525

Phe Gly Asp Ser Glu Val Ser Pro Leu Thr Ile Glu Asp Pro Lys His
 530 535 540

Val Cys Asp Pro Pro Ser Gly Pro Asp Thr Thr Pro Ala Ala Ser Asp
 545 550 555 560

Leu Pro Thr Glu Gln Pro Pro Ser Pro Gln Pro Gly Pro Pro Ala Ala
 565 570 575

Ser His Thr Pro Glu Lys Gln Ala Ser Ser Phe Asp Phe Asn Gly Pro
 580 585 590

Tyr Leu Gly Pro Pro His Ser Arg Ser Leu Pro Asp Ile Leu Gly Gln
 595 600 605

Pro Glu Pro Pro Gln Glu Gly Gly Ser Gln Lys Ser Pro Pro Pro Gly
 610 615 620

Ser Leu Glu Tyr Leu Cys Leu Pro Ala Gly Gly Gln Val Gln Leu Val
 625 630 635 640

Pro Leu Ala Gln Ala Met Gly Pro Gly Gln Ala Val Glu Val Glu Arg
 645 650 655

Arg Pro Ser Gln Gly Ala Ala Gly Ser Pro Ser Leu Glu Ser Gly Gly
 660 665 670

Gly Pro Ala Pro Pro Ala Leu Gly Pro Arg Val Gly Gly Gln Asp Gln
 675 680 685

Lys Asp Ser Pro Val Ala Ile Pro Met Ser Ser Gly Asp Thr Glu Asp
 690 695 700

Pro Gly Val Ala Ser Gly Tyr Val Ser Ser Ala Asp Leu Val Phe Thr
 705 710 715 720

Pro Asn Ser Gly Ala Ser Ser Val Ser Leu Val Pro Ser Leu Gly Leu
 725 730 735

Pro Ser Asp Gln Thr Pro Ser Leu Cys Pro Gly Leu Ala Ser Gly Pro
 740 745 750
 Pro Gly Ala Pro Gly Pro Val Lys Ser Gly Phe Glu Gly Tyr Val Glu
 755 760 765
 Leu Pro Pro Ile Glu Gly Arg Ser Pro Arg Ser Pro Arg Asn Asn Pro
 770 775 780
 Val Pro Pro Glu Ala Lys Ser Pro Val Leu Asn Pro Gly Glu Arg Pro
 785 790 795 800
 Ala Asp Val Ser Pro Thr Ser Pro Gln Pro Glu Gly Leu Leu Val Leu
 805 810 815
 Gln Gln Val Gly Asp Tyr Cys Phe Leu Pro Gly Leu Gly Pro Gly Pro
 820 825 830
 Leu Ser Leu Arg Ser Lys Pro Ser Ser Pro Gly Pro Gly Pro Glu Ile
 835 840 845
 Lys Asn Leu Asp Gln Ala Phe Gln Val Lys Lys Pro Pro Gly Gln Ala
 850 855 860
 Val Pro Gln Val Pro Val Ile Gln Leu Phe Lys Ala Leu Lys Gln Gln
 865 870 875 880
 Asp Tyr Leu Ser Leu Pro Pro Trp Glu Val Asn Lys Pro Gly Glu Val
 885 890 895

Cys

<210> 2
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 1 5 10

<210> 3
 <211> 13
 <212> PRT
 <213> Homo sapiens

<400> 3
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<210> 4
 <211> 15

<212> PRT

<213> Homo sapiens

<400> 4

Arg Tyr Phe Thr Gln Lys Glu Glu Thr Glu Ser Gly Ser Gly Pro
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<210> 5

<211> 22

<212> PRT

<213> Homo sapiens

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<210> 6

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<210> 7

<211> 24

<212> PRT

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<210> 8

<211> 19

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Ser Tyr Pro

<210> 9
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<400> 9
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<211> 10
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<210> 13
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Ile Cys Ser Lys Ser Asn Pro
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<210> 14

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1 5 10

<210> 15
<211> 24
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Asn Gln Asp Gly Tyr Ser Tyr Pro
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<210> 16
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<210> 17
<211> 38
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Phe Thr Asn Pro Val Tyr
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<210> 19

<211> 12

<212> PRT

<213> Homo sapiens

<400> 19

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<210> 20

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<210> 21

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<212> PRT

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1 5 10 15

Pro

<210> 25

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<213> Homo sapiens

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Gln Val Leu Tyr Gly Gln Leu Leu Gly Ser Pro Thr Ser Pro
1 5 10

<210> 26

<211> 22

<212> PRT

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<210> 27

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Pro

<210> 28

<211> 16

<212> PRT

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Ser Pro Pro

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<213> Homo sapiens

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Ser Ser Ser Ser Leu Pro
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Lys Arg Pro Ser Phe Pro
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Gly Thr Ala Tyr Gly Leu Ser Arg Ser Gln Pro
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Gly Glu Lys Leu His Ser Asp Ser Gly Ile Ser
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<213> Homo sapiens

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Trp Thr Lys Val Phe Lys Ser Arg Thr Pro Pro
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<210> 40

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<213> Homo sapiens

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20 25 30

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<211> 32

<212> PRT

<213> Homo sapiens

<400> 41

Asn Arg Thr Tyr Tyr Leu Met Asp Pro Ser Gly Asn Ala His Lys Trp
1 5 10 15

Cys Arg Lys Ile Gln Glu V